

Title (en)
Blue coloured glasses

Title (de)
Blaufarbige Gläser

Title (fr)
Verres à couleur bleue

Publication
EP 0820964 B1 20011219 (EN)

Application
EP 97305455 A 19970721

Priority
GB 9615844 A 19960727

Abstract (en)
[origin: EP0820964A1] A heat-absorbing blue glass composition comprising a base glass composition and a colorant portion containing iron and cobalt characterised in that the colorant portion consists essentially of <TABLE> the proportion of iron in the ferrous state lying within the range of 20% to 40%, optionally 26% to 35%, the glass having, in a thickness of 1 to 6 millimetres, a direct solar heat transmission at least 16, optionally 20, percentage points less than the visible light transmission, a dominant wavelength lying in the range of 480nm, optionally 484, to 490nm and a colour purity of at least 6%.

IPC 1-7
C03C 3/087; **C03C 4/02**; **C03C 1/10**

IPC 8 full level
B60J 1/00 (2006.01); **B32B 17/06** (2006.01); **C03C 1/04** (2006.01); **C03C 3/087** (2006.01); **C03C 4/02** (2006.01); **C03C 4/08** (2006.01)

CPC (source: EP)
C03C 3/087 (2013.01); **C03C 4/02** (2013.01); **C03C 4/082** (2013.01)

Cited by
CN102020418A; EP1031543A1; AU725178B2; BE1013373A3; CZ301046B6; EP0928285A4; US7625830B2; US6979662B1; WO0050352A1; WO9920577A1; WO0174729A1; WO0125160A1; US6995102B2; US11066318B2

Designated contracting state (EPC)
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